UNITED STATES PATENT AND TRADEMARK OFFICE

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WESTMAN CHAMPLIN & KELLY, P.A.
SUITE 1400
900 SECOND AVENUE SOUTH
MINNEAPOLIS, MN 55402-3244

EXAMINER
RASHID, HARUNUR

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/561,373	AMIENS, CHRISTIAN
	Examiner	Art Unit
	HARUNUR RASHID	4143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *15 December 2005*.
2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1 and 3-22* is/are pending in the application.
   4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) *1 and 3-22* is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.
10)☒ The drawing(s) filed on *15 December 2005* is/are: a)☐ accepted or b)☐ objected to by the Examiner.
   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a)☒ All b)☐ Some * c)☐ None of:
      1.☐ Certified copies of the priority documents have been received.
      2.☐ Certified copies of the priority documents have been received in Application No. _____.
      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
   Paper No(s)/Mail Date *10/26/2006, 9/7/2006*.
4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____ .

HR
11/23/2008

DETAILED ACTION

1.   Claims 1, 3-22 are pending in the application. Claims 1, 3-22 are amended and

2 is canceled by an amendment filed on 12/15/2005.

Specification

2.   The title of the invention is not descriptive. A new title is required that is clearly

indicative of the invention to which the claims are directed.

3.   Applicant is reminded of the proper language and format for an abstract of the
disclosure.

       The abstract should be in narrative form and generally limited to a single
paragraph on a separate sheet within the range of 50 to 150 words. It is important that
the abstract not exceed 150 words in length since the space provided for the abstract
on the computer tape used by the printer is limited. The form and legal phraseology
often used in patent claims, such as "means" and "said," should be avoided. The
abstract should describe the disclosure sufficiently to assist readers in deciding whether
there is a need for consulting the full patent text for details.

       The language should be clear and concise and should not repeat information
given in the title. It should avoid using phrases which can be implied, such as, "The
disclosure concerns," "The disclosure defined by this invention," "The disclosure
describes," etc.

The abstract of the disclosure is objected to because the abstract in the instant
application includes the legal phraseology of "said"

Correction is required. See MPEP 608.01(b)

The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

4.   As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

   (a) TITLE OF THE INVENTION.
   (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
   (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR
        DEVELOPMENT.
   (d) THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT.
   (e) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A
        COMPACT DISC.
   (f) BACKGROUND OF THE INVENTION.
        (1) Field of the Invention.
        (2) Description of Related Art including information disclosed under 37
        CFR 1.97 and 1.98.
   (g) BRIEF SUMMARY OF THE INVENTION.
   (h) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
   (i) DETAILED DESCRIPTION OF THE INVENTION.
   (j) CLAIM OR CLAIMS (commencing on a separate sheet).
   (k) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
   (l) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A
        "Sequence Listing" is required on paper if the application discloses a
        nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if
        the required "Sequence Listing" is not submitted as an electronic
        document on compact disc).

The specification is object to for not following the above sections in order format.

Correction is required.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

These are provisional obvious-type double patenting rejections because the

Conflicting claims have not in fact been patent

5.   Claims 1, 3-6, 8-10, 13-17, 19-22 are rejected on the ground of nonstatutory

obviousness-type double patenting as being unpatentable over claims 1, 2, 4-10, 147,

15, 17, 19, 20-23 of copending application 10/561114.

Instant Application	Copending Application No. 10/561114
Claim 1. System for remote control of equipment enabling interconnection between at least one server and at least one remote equipment using the MQIsdp protocol, wherein the system associates, with at least one of the said remote equipment, radio communication means capable of sending and receiving AT type commands sent by and/or to be sent to an external application used by the said remote equipment, wherein the said radio communication means are provided with a set of special AT commands for exchanging data with at least one server using the said MQIsdp protocol, so as to enable an interconnection between the said at least one server and the said remote equipment through the said radio communication means, without requiring knowledge of the said MQIsdp protocol in	Claim 1. System for remote control of apparatuses, enabling the interconnection between at least one broker and at least one remote apparatus according to the MQIsdp protocol, wherein the system associates, with at least one of said remote apparatuses, radio communication means capable of internally processing a communication protocol implementing API-type source functions available in a software platform (Open AT) enabling at least one application to be embedded, and wherein said radio communication means are provided with a set of specific (API) functions enabling data to be exchanged with at least one server implementing said MQIsdp protocol, so as to enable an interconnection between said at least one broker and said at least one remote apparatus via said radio communication

the said remote equipment, and

wherein, in at least a first mode, the said radio communication means only manage signaling of a data exchange, the said data being transferred directly from remote equipment to a server, or vice versa.

Claim 3. System for remote control of equipment according to claim 1, wherein in at least a second mode, the said radio communication means manage signaling of a data exchange and transfer of the said data, the data being temporarily stored in at least one buffer memory.

means, with the latter also managing at least one application between said at least one broker and said at least one remote apparatus.

Claim 4. System for remote control of apparatuses according to claim 1, wherein at least in a first mode, said radio communication means manage only the signalling of a data exchange, with said data being transferred directly from a remote apparatus to a server, or the reverse.

Claim 5. System for remote control of apparatuses according to claim 1, wherein at least in a second mode, said radio communication means manage the signalling of a data exchange and the transfer of said data, with the latter being

	temporarily stored in at least one buffer storage.
Claim 4. System for remote control of equipment according to claim 3, wherein the size of the said at least one buffer memory is parameterable.	Claim 6. System for remote control of apparatuses according to claim 5, wherein the size of said at least one buffer storage is parameterable.
Claim 5. System for remote control of equipment according to claim 4, wherein the system operates in the said first mode when the size of the said at least one buffer memory is equal to 0, and otherwise in the said second mode.	Claim 7. System for remote control of apparatuses according to claim 6, wherein the system operates in said first mode when the size of said at least one buffer storage is 0, and in said second mode if not.
Claim 6. System for remote control of equipment according to claim 1, wherein the said radio communication means comprise a radio communication module comprising all radio frequency and base	Claim 2. System for remote control of apparatuses according to claim 1, wherein said radio communication means include a radio communication module, grouping together on a single substrate all of the

band data processing means on the same substrate, together with means of managing the said AT commands.	radiofrequency and baseband data processing means, as well as means for managing said (API) functions and said at least one application.
Claim 8. System for remote control of equipment according to claim 1, wherein the said set of special AT commands includes commands for: connecting to one of the said servers; sending messages; receiving messages.	Claim 8. System for remote control of apparatuses according to claim 1, wherein said set of specific API functions includes functions enabling: the connection to one of said at least one broker; the sending of messages; the receiving of messages; configuration of at least one parameter.
Claim 9. System for remote control of equipment according to claim 1, wherein at least some of the said special AT commands are organized so as to be able to perform at least two functions and/or to act on at least two distinct aspects, as a	Claim 9. System for remote control of apparatuses according to claim 1, wherein at least some of said specific (API) functions are organised so as to be capable of providing at least two operations and/or acting on at least two distinct aspects, according to a predefined

function of a predefined configuration.	parameterization.
Claim 10. System for remote control of equipment according claim 1, wherein the said set of commands only includes 8 commands.	Claim 10. System for remote control of apparatuses according to claim 1, wherein said set of (API) functions includes only 12 functions.
Claim 13. System for remote control of equipment according to claim 10, wherein the said configuration command can be used to select one of at least two transmission modes (GSM or GPRS).	Claim 14. System for remote control of apparatuses according to claim 13, wherein said function of establishing a connection makes it possible to select a transmission mode from at least two (GSM and GPRS).
Claim 14. System for remote control of equipment according to claim 1, wherein the system uses three configuration commands: a general communication configuration command (+WSPGSET); a	Claim 15. System for remote control of apparatuses according to claim 1, wherein the system includes a function (mqisdp_publish) for sending a message to one of said brokers.

connection configuration command (+WSPCSET), particularly used to specify the coordinates of a server; a configuration command for the "will" configuration message (+WSPWMS), particularly to specify the channel to which a message will be sent.

Claim 15. System for remote control of equipment according to claim 1, wherein the system uses at least one general communication command for sending and/or receiving messages using the MQIsdp protocol.

Claim 16. System for remote control of equipment according to claim 15, wherein the system uses five general communication commands: a command for specifying an MQIsdp context

16. System for remote control of apparatuses according to claim 1, wherein the system includes a function for subscribing to one of said brokers (mqisdp_subscribe), and a function for unsubscribing (mqisdp_unsubscribe) to said broker.

Claim 17. System for remote control of apparatuses according to claim 1, wherein the system includes at least one function for requesting information on at least one aspect of a communication in progress.

Claim 18. System for remote control of apparatuses according to claim 17, wherein the system includes at least one of the functions belonging to the group including: a function for inquiring about the status of a connection

(+WSPDCONT); a command for managing a connection with a server (+WSPCONM); a command for sending a message (+WSPSMSG); a command for receiving a message (+WSPRMSG); an administration command, used to do a reset and/or return to the default values of a set of parameters (+WSPPA).

(mqisdp_getConStatus); a function for inquiring about the status of a given message (mqisdp_getMsgStatus); a function for inquiring about the current size of a queue (mqisdp_getQueueSize); and a function for inquiring about the space available in a queue (mqisdp_getAvailableSize).

Claim 17. System for remote control of equipment according to claim 1, wherein the system uses at least one query command by an external application

Claim 19. System for remote control of apparatuses according to claim 1, wherein the system includes a function for defining the size of a queue (mqisdp_setQueueSize).

Claim 19. Device for remote control of equipment enabling interconnection between at least one server and at least one remote equipment according to the MQIsdp protocol, wherein the device

Claim 20. Method for remote control of apparatuses, enabling the interconnection between at least one broker and at least one remote apparatus according to the MQIsdp protocol, wherein the method

associates, with at least one of the said remote equipment, radio communication means capable of sending and receiving AT type commands sent by and/or to an external application used by the said remote equipment, and wherein the device uses a set of special AT commands in the said radio communication means for exchanging data with at least one server using the said MQIsdp protocol, so as to enable an interconnection between the said server(s) and the said remote equipment through the said radio communication means, without requiring additional processing and/or data formatting means in the said remote equipment, and the said radio communication means only manage, in at least a first mode, signaling of a data exchange, the said data being transferred directly from remote equipment to a server, or vice versa.	associates, with at least one of said remote apparatuses, radio communication means capable of internally processing a communication protocol implementing API-type source functions available in a software platform (Open AT) enabling at least one application to be embedded, and wherein the method implements, in said radio communication means, a set of specific API functions enabling data to be exchanged with at least one broker implementing said MQIsdp protocol, so as to enable an interconnection between said at least one broker and said at least one remote apparatus via said radio communication means, with the latter also managing at least one application between said at least one broker and said remote apparatus.

Claim 20. A radio communication device comprising radio communication means used in a system for remote control of equipment according to claim 1.	Claim 21. A radio communication device comprising radio communication means implemented in a system for remote control of apparatuses according to claim 1.
Claim 21. A radio communication module comprising radio communication means used in a system for remote control of equipment according to claim 1.	Claim 22. A radio communication module comprising radio communication means implemented in a system for remote control of apparatuses according to claim 1.
Claim 22. A set of AT commands used in a system for remote control of equipment according to claim 1, wherein the set of AT commands enables data exchange with at least one server using the said MQIsdp protocol.	Claim 23. A set of (API) functions implemented in a system for remote control of apparatuses, wherein the set enables data to be exchanged with at least one broker implementing an MQIsdp protocol.

Although the conflicting claims are not identical, they are not patentably distinct from each other because claims 1, 3-6, 8-10, 13-17, 19-22 of the present application are broadening from claims 1, 2, 4-10, 147, 15, 17, 19, 20-23 of copending application 10/561114. For example, claim 5(dependent on claim 1) of copending application 10/561114 teaches every limitation of claim 3 of the instant application.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to omit elements when the remaining elements perform the same. A person of ordinary skill in the art could have arrived at the present claims by omitting the details of the patented claims. See In re karlson, 136 USPQ, 184 (CCPA) 136 USPQ 184, decided January 16, 1963. (Omission of an element and its function is an obvious expedient if the remaining elements perform the same function as before).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

6.   Claims 1, 3-22 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Andy Stanford-Clark, (herein after Andy), WebSphere MQ Development, IBM

Software Group, Integrating Monitoring and Telemetry Devices as Part of Enterprise

Information Resources, March 2002, pp. 1-13., in view of Petite, Patent No US7103511.

As to claim 1, Andy discloses system for remote control of equipment enabling

interconnection between at least one server(Page 5, lines 2-5) and at least one remote

equipment using the MQIsdp protocol (Page 9, lines 1-5), wherein the system

associates with at least one of the said remote equipment (Page 5, lines 1-5), radio

communication means (page 12, lines 2-6) capable of sending and receiving AT type

commands sent by and/or to be sent to an external application used by the said remote

equipment (Page 9, lines 15-17), wherein the said radio communication means (page

12, lines 2-6) are provided with a set of special AT commands for exchanging data with

at least one server using the said MQIsdp protocol (Page 9, lines 15-22), so as to

enable an interconnection between the said at least one server (Page 5, lines 2-5) and

the said remote equipment through the said radio communication means (Page 9,

lines,1-5, Page 5, Lines 1-7) without requiring knowledge of the said MQIsdp protocol

in the said remote equipment (Page 10, lines 1-4).

Andy Fails to discloses, wherein, in at least a first mode the said radio communication

means only manage signaling of a data exchange the said data being transferred

directly from remote equipment to a server, or vice versa. However Petite teaches at

wherein, in at least a first mode the said radio communication means (page 12, lines 2-6) only manage signaling of a data exchange the said data being transferred directly from remote equipment to a server, or vice versa (Fig. 2, Col. 6, Lines 45-60).

It would have been obvious to one of ordinary skill in the art at the time of invention to combine the teaching of Petite with the teaching of Andy by including the feature of transferring data directly from remote equipment to a server, or vice versa in order for Andy's system to collect, format, and control client application specific processes.

As to claim 3, Andy discloses system for remote control of equipment wherein in at least a second mode the said radio communication means (page 12, lines 2-6) manage signaling of a data exchange and transfer of the said data, the data being temporarily stored in at least one buffer memory (Page 3, lines 12).

As to claim 4, Andy discloses system for remote control of equipment according to claim 3, wherein the size of the said at least one buffer memory is parameterable (Page 8, lines 4-8, Page 8, lines 28-30).

As to claim 5, Andy fails to discloses system for remote control of equipment wherein the system operates in the said first mode when the size of the said at least one buffer memory is equal to 0, and otherwise in the said second mode. However Petite teaches, system for remote control of equipment wherein the system operates in the said first

mode when the size of the said at least one buffer memory is equal to 0, and otherwise
in the said second mode (Col. 7, lines 30-40).

It would have been obvious to one of ordinary skill in the art at the time of invention
to combine the teaching of Petite with the teaching of Andy by including the feature
of changing mode of buffer memory in order for Andy's system to transfer information
to the server or save in the remote device.

As to claim 6, Andy discloses system for remote control of equipment according to claim
1, wherein the said radio communication means comprise a radio communication
module comprising all radio frequency (Page 12, lines 2-11) and base band data
processing means on the same substrate (Page 3, lines 1-14, Page 12, lines 16-20),
together with means of managing the said AT commands (Page 9, lines 15-20).

As to claim 7, Andy discloses system for remote control of equipment according to claim
1, wherein the said radio communication means include the said MQIsdp protocol in the
form of an "open-AT" application defining the said set of special AT commands (Page
10, lines 1-4, Page 9, lines 15-20).

As to claim 8, Andy discloses system for remote control of equipment wherein the said
set of special AT commands includes commands for: connecting to one of the said
servers (Page 9 lines 1-8, Page, 5 lines 1-7, Page 2); sending messages (Page 9, lines

24-27, Page 3, lines 1-8, Page 3, lines 22-24, Page 8, lines 14-32); receiving messages

(Page 5, lines 12-17, Page 8, lines 31-32, Page 12, lines 2-11).

As to claim 9, Andy fails to disclose system for remote control of equipment wherein at

least some of the said special AT commands are organized so as to be able to perform

at least two functions and/or to act on at least two distinct aspects, as a function of a

predefined configuration. However Petite discloses system for remote control of

equipment wherein at least some of the said special AT commands are organized so as

to be able to perform at least two functions and/or to act on at least two distinct aspects,

as a function of a predefined configuration (Col. 11, lines 11 – 15, lines 2-5, col. 1, lines

31 - 36).

It would have been obvious to one of ordinary skill in the art at the time of invention

to combine the teaching of Petite with the teaching of Andy by including feature of

organizing special AT commands to perform at least two functions in order for Andy's

system to identify an appropriate control signal, and applying the control signal at a

designated actuator.

As to claim 10, Andy discloses system for remote control of equipment according claim

1, wherein the said set of commands only includes 8 commands (Page 6, lines 1-14,

Page 8, lines 13-32, Page 9, lines 4-14, Page 10, lines 7-19).

As to claim 11, Andy discloses system for remote control of equipment according to claim 1, wherein the said set of special AT commands includes a configuration command used to define communication parameters with one of the said servers (Page 3, lines 1-12, Page 5, lines 1-7, Page 9, lines 24-27).

As to claim 12, Andy discloses system for remote control of equipment according to claim 11, wherein the system uses a single configuration command (+WSPGSET) for configuration of radio communication aspects (Page 9, lines 24-27) and the general configuration of aspects related to the MQIsdp protocol (Page 3, lines 1-8, Page 3, lines 22-24, Page 8, lines 14-32, Page 9, lines 1-8 & 24-27).

As to claim 13, Andy discloses system for remote control of equipment according to claim 10, wherein the said configuration command can be used to select one of at least two transmission modes (GSM or GPRS) (Page 6 , Left col., line 1-8, Page 5, lines 1-7, Page 9, lines 1-8).

As to claim 14, Andy discloses system for remote control of equipment according to claim 1, wherein the system uses three configuration commands: a general communication configuration command (+WSPGSET) (Page 9, lines 24-27, Page 3 , line 1-8); a connection configuration command (+WSPCSET) (Page 9, lines 24-27, Page 3 , line 1-8), particularly used to specify the coordinates of a server (Page 5, lines 1-7, Page 8, lines 14-32, Page 9, lines 24-27); a configuration command for the "will"

configuration message (+WSPWMS) (Page 9, lines 24-27, Page 5, lines 1-7),

particularly to specify the channel to which a message will be sent (Page 3 , line 1-12,

Page 9, lines 24-27).

As to claim 15, Andy discloses system for remote control of equipment according to

claim 1, wherein the system uses at least one general communication command for

sending and/or receiving messages using the MQIsdp protocol (Page 3, lines 1-8, Page

9, lines 24-27).

As to claim 16, Andy discloses system for remote control of equipment according to

claim 15, wherein the system uses five general communication commands: a command

for specifying an (Page 9, lines 15-22), context (+WSPDCONT); a command for

managing a connection with a server (+WSPCONM) (Page 9 lines 1-8, Page, 5 lines 1-

7, Page 2, lines 16-24); a command for sending a message (+WSPSMSG) (Page 3,

lines 1-8, Page 8, lines 14-32, Page 9, lines 24-27); a command for receiving a

message (+WSPRMSG) (Page 5, lines 12-17, Page 8, lines 31-32); an administration

command used to do a reset and/or return to the default values of a set of parameters

(+WSPPA) (Page 9, lines 24-27, Page 3, lines 1-8, Page 8, lines 14-32).

As to claim 17, Andy discloses system for remote control of equipment according to

claim 1, wherein the system uses at least one query command by an external

application (Page 7, lines 26-28, Page 3, lines 1-8).

As to claim 18, Andy discloses system for remote control of equipment according to

claim 17, wherein the system uses two query commands by an external application

(Page 7, lines 26-28), on the following in turn the current state of the connection

(+WSPICON) (Page 3, lines 1-8, Page 3, lines 22-24, Page 5, lines 1-7); reception

and/or sending of a message (+WSPIMSG) (Page 3, lines 22-24, Page 5, lines 12-17).

As to claim 19, Andy discloses device for remote control of equipment enabling

interconnection between at least one server (Page 5, lines 2-5) and at least one remote

equipment according to the MQIsdp protocol (Page 9, lines 1-5, Page 5, Lines 1-7),

wherein the device associates, with at least one of the said remote equipment (Page 5,

lines 1-5), radio communication means (page 12, lines 2-6) capable of sending and

receiving AT type commands sent by and/or to an external application used by the said

remote equipment (Page 9, lines 15-17), and wherein the device uses a set of special

AT commands in the said radio communication means for exchanging data with at least

one server using the said MQIsdp protocol(Page 9, lines 9-24), so as to enable an

interconnection between the said server(s) (Page 5, lines 2-5) and the said remote

equipment through the said radio communication means(Page 9, lines,1-5, Page 5,

Lines 1-7, Page 2, lines 16-24) , without requiring additional processing and/or data

formatting means in the said remote equipment (Page 3, lines 1-8, Page 3, lines 22-24,

Page 5, lines 1-7, Page 8, lines 14-32, Page 9, lines 24-27).

Andy Fails to discloses, radio communication means only manage in at least a first

mode signaling of a data exchange the said data being transferred directly from remote

equipment to a server, or vice versa. However Petite teaches radio communication

means only manage in at least a first mode signaling of a data exchange the said data

being transferred directly from remote equipment to a server, or vice versa (Fig. 2, Col.

6, Lines 11-15) .

It would have been obvious to one of ordinary skill in the art at the time of invention to

combine the teaching of Petite with the teaching of Andy by including the feature of

transferring data directly from remote equipment to a server, or vice versa in order for

Andy's system to collect, format, and control client information.

As to claim 20, Andy discloses a radio communication device comprising radio

communication means used in a system for remote control of equipment (Page 12, lines

2-4, Page 5, lines 1-7).

As to claim 21, Andy discloses a radio communication module comprising radio

communication means used in a system for remote control of equipment according to

claim 1(Page 12, lines 2-4, Page 5, lines 1-7).

As to claim 22, Andy discloses a set of AT commands used in a system for remote

control of equipment according to claim 1, wherein the set of AT commands enables

data exchange with at least one server using the said MQIsdp protocol (Page 3, lines 1-8, Page 9, lines 15-27).

Conclusion

7.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

    a. Standford-Clark (PGPUB No US-2002/0199121A1)

    b. Standford-clark, Andrew James. (PGPUB No US-2002/0199121)

    c. Chang et al. (PGPUB No US-2003/0129944)

    d. Fernandes et al. (Patent No: US-5490134)

    e. Kim Seok Su. (Publication number KR20040000033)

8.   Examiner's Note: Examiner has cited particular columns/paragraphs/pages and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in its entirety as potentially teaching of all or part of the claimed invention.

9.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to HARUNUR RASHID whose telephone number is (571)270-7195. The examiner can normally be reached on Monday - Friday; 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nabil El-Hady can be reached on 571-272-3963. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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HR
11/21/2008
/NABIL EL-HADY/

Supervisory Patent Examiner, Art Unit 4143